

I PERCEIVE THE UNIVERSE AS A SINGLE EQUATION:

ALL OBSERVABLE MATTER OF THE UNIVERSE AND MISSING MASS AND DARK ENERGY

$$|\mathbf{U}\rangle_{\alpha}^* = |\text{Vacuum}\rangle_{\alpha}^{\text{Vac}} \otimes \left[\bigotimes_{J=1}^{\infty} |\mathbf{S}_J\rangle_{\alpha} \right] .$$

THE STATE OF THE UNIVERSE \star THE STATE OF THE 'EMPTY' SPACE Vac

AND IT IS SO SIMPLE !

SCIENTIFIC AMERICAN

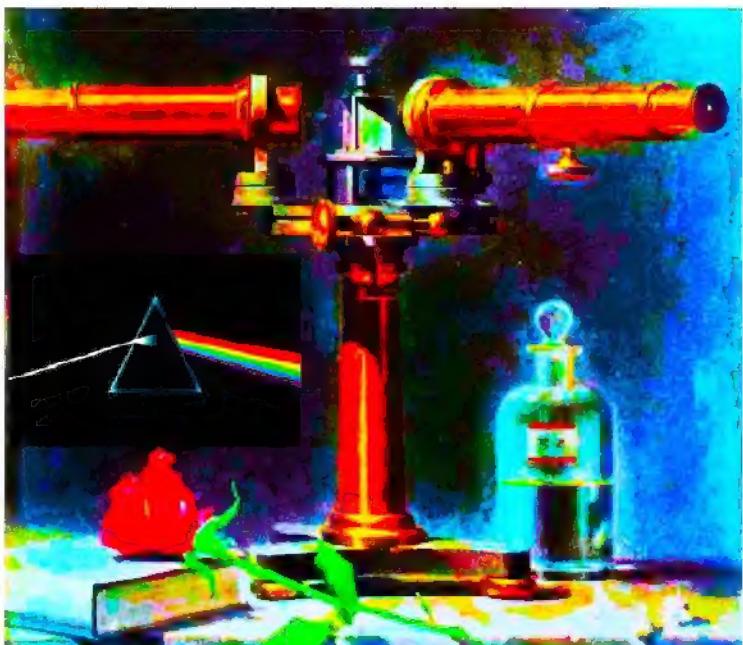
Established 1845

SCOTT MATHESON HITCHCOCK'S LIFE PLAN STARTED HERE
SEPTEMBER 15, 1953 - COSMIC COINCIDENCE?

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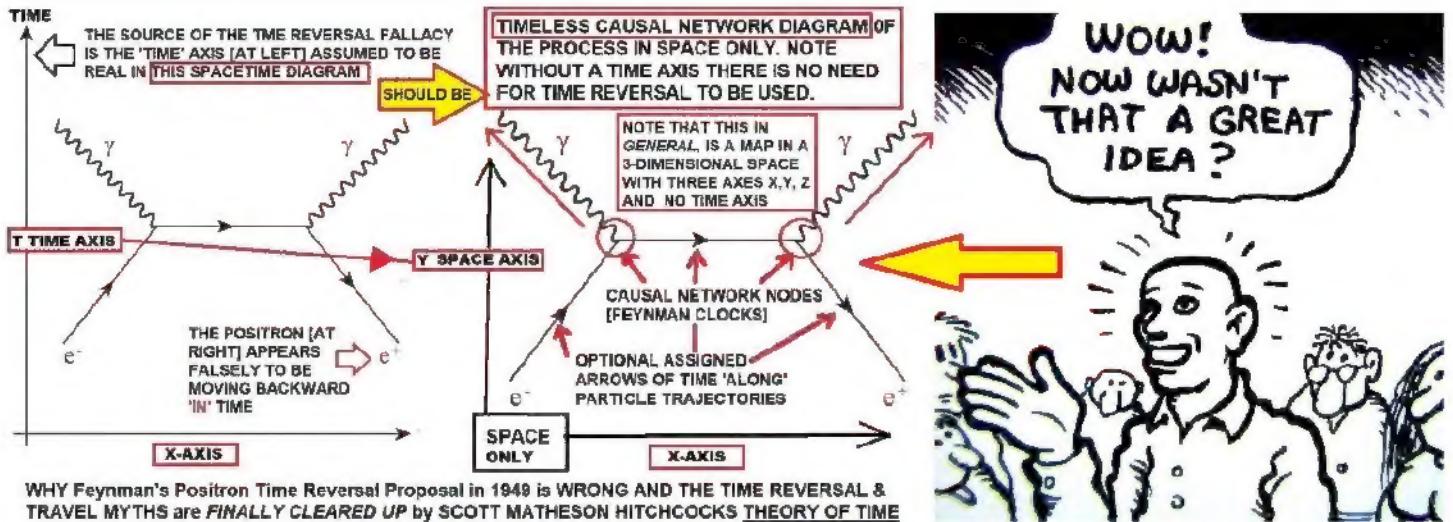


FIFTY CENTS
September 1953

FUNDAMENTAL QUESTIONS IN SCIENCE
...SET THE STAGE FOR MY ADVENTURES IN SCIENCE. THE BIG PICTURE!

"THE UNIVERSE STARTS WITH OUR BRAIN AND ENDS AT INFINITY"

- SCOTT MATHESON HITCHCOCK 11/25/2023



SCOTT MATHESON HITCHCOCK'S NEW THEORY OF TIME

►►►►► A SYSTEMS APPROACH GIVES US THE SOLUTION TO THE PROBLEM OF TIME:

FOR SIMPLE SYSTEMS, ACCORDING TO THE PRINCIPLE OF OCCAM'S RAZOR THE SIMPLEST EXPLANATION FOR OBSERVED BEHAVIORS IS THE BEST CHOICE. BUT FOR COMPLEX SYSTEMS, A SYSTEMS APPROACH IS NECESSARY FOR UNDERSTANDING THE OBSERVED PHENOMENA.

CLEARLY SIMPLE EXPLANATIONS ABOUT THE FUNDAMENTAL NATURE IF TIME ARE NOT ADEQUATE, THIS IS WHY SCOTT REALIZED THAT TO UNDERSTAND THE NATURE OF TIME HIS SYSTEMS APPROACH WORKS TO CLARIFY ISSUES ABOUT THE FUNDAMENTAL PHYSICS AND NATURE OF TIME.

►►►►► THE PERCEPTION OF TIME IN THE 'NOW' OF OUR CONSCIOUSNESS:

ALL OUR BODIES SENSES SEND SIGNALS ORIGINATING IN OUR ENVIRONMENT OR OUR BODIES TO OUR BRAIN FOR PROCESSING INTO OUR PERCEPTION OF REALITY CURRENT WITH OUR SENSE OF 'NOW'.

THIS SUBJECTIVE 'NOW' OF OUR CONSCIOUSNESS IS LOCATED IN THE BRAIN. OUTSIDE THIS REGION OF THE BRAIN INCLUDING OTHER PARTS OF THE BRAIN AND BODY COULD BE THOUGHT OF AS 'NOT-NOW'.

SINCE THE NOW OF CONSCIOUSNESS IS ALL WE CAN EVER EXPERIENCE, IT IS ALSO THE LOCATION OF OUR SENSE OF TIME, SIMULTANEOUS WITH OUR CONSCIOUS THOUGHTS AND IMAGES OF THE 'EXTERNAL' OBSERVED REALITY.

ALL OF THE 'TIME DELAYED' INFORMATION COMING AS SENSE SIGNALS INTO OUR BRAIN FROM OUR BODIES AND OUR SENSE OBSERVATIONS ORIGINATES IN THE NOT-NOW UNIVERSE OUTSIDE OUR CONSCIOUSNESS. THIS IS THE REASON OUR CONSCIOUSNESS COMPOSES AN ONGOING PROGRESSION OF SEQUENTIAL IMAGES OF REALITY IN OUR CURRENT STATE OF NOW THAT ARE RELICS OF THE 'PAST' CONFIGURATION OF THE NOT-NOW UNIVERSE SURROUNDING OUR CONSCIOUS BRAIN.

THESE SENSE SIGNALS HAVE TRAVEL TIME DELAYS ALONG THE NEURAL PATHWAYS THAT WHEN ADDED TO THE TRAVEL TIMES FROM THE SIGNAL ORIGINS TO SUBSEQUENT DETECTION BY THESE SENSE CELLS LEADING TO A NET TIME DELAY TO OUR BRAIN.

THE TOTAL TIME DELAY IS A MEASURE OF FACT THAT WHAT WE PERCEIVE AS 'NOW' IN OUR CONSCIOUSNESS IS REALLY THE 'PAST' NO MATTER HOW SHORT THE NET DELAY TIMES ARE.

ALL WE CAN REALLY SENSE ABOUT THE OBSERVABLE WORLD IS A 'PAST CONFIGURATION - NO MATTER HOW 'IMMEDIATE' IT MAY SEEM. THE PAST OF THE NOT-NOW UNIVERSE IS ALREADY GONE BY THE TIME WE PERCEIVE IT IN OUR CONSCIOUSNESS.

IT IS THE INFORMATION CARRYING SIGNALS FROM THE NOT-NOW UNIVERSE THAT IS PROCESSED BY OUR NOW USING THE BRAINS COMPUTER TO STORE TIME LABELED MEMORIES FOR LATER CONSTRUCTIONS OF OUR MAPS OF THE PAST.

MEANWHILE, THE EXTERNAL OBJECTIVE UNIVERSE HAS EVOLVED INTO ITS 'PRESENT' CONFIGURATION. THE 'NOW' OF OUR CONSCIOUSNESS IS A RECORD OF THE NOT-NOW 'PAST'. OUR SUBJECTIVE NOW IS THE OBJECTIVE PAST OF THE NOT-NOW UNIVERSE.

FORTUNATELY THE EXTERNAL WORLD DOESN'T GENERALLY CHANGE MUCH DURING THE SHORT TIME WE TAKE TO FORMULATE A PICTURE IN OUR CONSCIOUSNESS OF PERCEIVED 'REALITY'. THIS CREATES THE ILLUSION OF CONTINUITY OF THE OBSERVED WORLD IN OUR MINDS MUCH LIKE SUCCESSIVE FRAMES IN A MOVIE OR ON A COMPUTER MONITOR.

►►► THEREFORE WE ARE ALWAYS LIVING IN OUR SUBJECTIVE CONSCIOUS NOW BASED ON THE NOT-NOW PAST STATE OF THE OBJECTIVE 'EXTERNAL' OBSERVABLE UNIVERSE, EVEN IF THE NOT-NOW PAST ONLY OCCURRED MILLISECONDS AGO.

THE TIME IS 'NOW' AND 'NOW' IS THE TIME!